



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

1TB SSD

Dual Band WiFi

Windows 11 IoT Value

SKU: H-I5_13-16_16-M1024-12_7-M-11V-0



Unleash Industrial Power: The Thinvent® Neo H Mini PC.

Discover the High Performance version of our bestselling Neo, an industrial workhorse meticulously designed and 100% made in India. As our largest product, it combines robust capability with a solid steel build, engineered for demanding industrial control and similar applications.

Unrivalled Performance for Critical Tasks

- Experience relentless processing with the Intel® Core™ i5-1335U processor, featuring 10 cores, speeds up to 4.6 GHz, and a substantial 12 MB cache, ensuring swift multi-tasking and responsiveness.
- Seamlessly manage applications with 4GB DDR4 RAM.
- Benefit from lightning-fast boot times and expansive storage for your data with a 1TB SSD.

Robust Connectivity & Reliability

- Flexible display options with dedicated HDMI and VGA ports.

- Comprehensive connectivity including 2x USB 3.2, 2x USB 2.0, Gigabit Ethernet, and dual-band Wi-Fi 5 (802.11ac) for steadfast networking.
- Integrated speaker out and mic in ports offer versatile audio capabilities.
- Powered by a resilient 12V 7A adapter with wide 100~275V AC input tolerance, ensuring stable operation.

Engineered for Durability

- Housed in a durable black powder-coated steel chassis, built to withstand challenging industrial environments (0°C ~ 40°C operating temperature, 20% ~ 80% RH non-condensing humidity).
- Certified with BIS, RoHS, and ISO for quality assurance and compliance.
- Comes pre-installed with Windows 11 IoT Enterprise LTSC 2024 Value, providing a secure, stable, and long-term supported operating system tailored for industrial deployments.

Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	1024 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2

NETWORKING

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	7 Amps
Power Input	100~275 Volts AC, 50~60 Hz, 1.5 Amps maximum
Cable Length	2 Metre

ENVIRONMENTAL

Operating Temperature	0°C ~ 40°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

PHYSICAL

Form Factor	Mini PC
Dimensions	210mm × 202mm × 80mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.72kg, 2.13kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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Ordering Information

PRODUCT CODE

H-i5_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM

4 = 4GB DDR4

8 = 8GB DDR4

16 = 16GB DDR4

32 = 32GB DDR4

32_32 = 64GB
DDR4 RAM (2 x
32GB)16_16 = 32GB
DDR4 RAM (2 x
16GB)8_8 = 16GB DDR4
RAM (2 x 8GB)

SSD

m128 = 128GB

m512 = 512GB

S32 = 32GB MLC

S256 = 256GB

m256 = 256GB

m1024 = 1TB

S128 = 128GB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

Thinux = Thinux™ Embedded Linux

W_OS = Without OS

11P = Windows 11 Pro

U = Ubuntu Linux

Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

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